

Title (en)  
Conveyor system for separating articles

Title (de)  
Fördersystem für die Vereinzelung von Stückgut

Title (fr)  
Système de transport pour séparer des articles

Publication  
**EP 0795497 B1 20030129 (DE)**

Application  
**EP 97250073 A 19970314**

Priority  
US 61668596 A 19960315

Abstract (en)  
[origin: EP0795497A2] The conveyor's (12) surface causes items deposited upon it to come to rest separated and in the desired orientation. The conveyer runs between side-walls, against which the surface forces the items to align them. Items which are not correctly oriented are forced up and returned, by another conveyor branching off at right angles to the main one, to the conveyor's inlet zone where they may again fall into the desired orientation. Items are introduced to the conveyer through an inlet (14) and are discharged singly and oriented as required in a line through an outlet (20).

IPC 1-7  
**B65G 47/51**; **B65G 47/68**; **B65G 47/30**

IPC 8 full level  
**B65G 47/53** (2006.01); **B65G 13/02** (2006.01); **B65G 47/28** (2006.01); **B65G 47/51** (2006.01); **B65G 47/54** (2006.01); **B65G 47/68** (2006.01)

CPC (source: EP US)  
**B65G 47/5145** (2013.01 - EP US); **B65G 47/684** (2013.01 - EP US); **B65G 2201/0244** (2013.01 - EP US)

Cited by  
EP2239214A3; EP1161392A4; AU764749B2; EP0979788A3; US6622847B2; US6269933B1; WO0006475A1; US6259967B1

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